

### ABSTRACT OF THE DISCLOSURE

A highly flexible base station architecture provides extremely flexible sectorization and capacity expansion capabilities. A base transceiver station (BTS) appliance can be interfaced with similar modules to form a higher capacity, sectorized configuration. Each BTS appliance can function as a standalone cell. In addition, multiple BTS appliances can be connected together to create a multi-sector base station in which the BTS appliances share baseband data, facilitating softer handoff. A backhaul interface module concentrates the backhaul and supports distribution and routing of packets from the network to co-located BTS appliances.

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